



INTERNATIONAL SEARCH REPORT

 International application No.
 PCT/KR2003/002416

A. CLASSIFICATION OF SUBJECT MATTER IPC7 H01L 21/66 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC7 H01L 21/465, IPC7 G01N 37/00, IPC7 G01B 21/30 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Patent Abstracts of Japan since 1976 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) KIPONET "scanning and semiconductor probe"		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 10-239331 (SEIKO INSTRUMENTS INC.) 11 Sept.1998 See the whole documents	1-7
Y	US 5618760 (Jr. University, Stanford) 8 Apr.1997 Fig. 2	1-7
A	US 6479892B1 (Motorola Inc.) 12 Nov.2002 See the whole documents	1-7
A	JP 2002-340770 (SAMSUNG ELECTRONICS LTD.) 27 Nov.2002	1-7
A	WO 03/062742 A1 (IBM Co..) 31 July 2003	1-7
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 27 JANUARY 2004 (27.01.2004)		Date of mailing of the international search report 28 JANUARY 2004 (28.01.2004)
Name and mailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140		Authorized officer KIM, Jun Hak Telephone No. 82-42-481-5785 

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US5618760A	08.04.1997	US5618760A	08.04.1997
		US5517280A	14.05.1996
		US5618760A	08.04.1997
		US5666190A	09.09.1997
		US5742377A	21.04.1997
		US5883705A	16.03.1999
		US6000947A	14.12.1999
		US6075585A	13.06.2000
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		US2002167008A1	14.11.2002